

IN THE CLAIMS

1. (currently amended) A recording/reproducing apparatus, comprising:

at least two channel selecting mechanisms for taking in television signals on plural channels including a television signal on a program guide providing channel, in that an electronic program guide has been stored at a predetermined timing, and selecting the television signal on a desired channel in the above plural channels;

at least two signal processing mechanisms for performing predetermined processing to said television signal on said desired channel selected by each of said channel selecting mechanisms;

electronic program guide extracting mechanism for extracting said electronic program guide from said television signal on said program guide providing channel selected by said channel selecting mechanism;

switching mechanism for switching connections of said channel selecting mechanisms to said signal processing mechanisms and said electronic program guide extracting mechanism; and

control mechanism, ~~in the case where a plurality of predetermined different processing is simultaneously performed to the same said television signal on said desired channel by each of said signal processing mechanisms,~~ for controlling said switching mechanism so that in a first operating case the signal processing mechanisms are collectively connected to one of said channel selecting mechanisms and the electronic program guide extracting mechanism is connected to another one of said channel selecting mechanisms so as to permit (i) a plurality of predetermined different processing to be simultaneously performed on the same said television signal on said desired

channel by use of each of said signal processing mechanisms and (ii) said electronic program guide to be obtained from said television signal by said electronic program guide extracting mechanism.

2. (currently amended) The recording/reproducing apparatus according to claim 1, wherein;

~~in a second the case where in providing of said electronic program guide, a plurality of said predetermined different processing is simultaneously performed to said television signal on said program guide providing channel in each of said signal processing mechanisms,~~ said control mechanism controls said switching mechanism so that the above plural signal processing mechanisms and said electronic program guide extracting mechanism are collectively connected to one of said plural channel selecting mechanisms.

3. (previously presented) The recording/reproducing apparatus according to claim 1, wherein:

a recording medium for storing said television signal subjected to said predetermined processing by each of said signal processing mechanisms is included; and

each of said signal processing mechanisms simultaneously performs compressively coding processing to said one television signal on said desired channel selected by one of said channel selecting mechanisms at a different compression rate, respectively, and said television signals compressively coded at the above different compression rates are recorded in said recording medium.

4. (previously presented) The recording/reproducing apparatus according to claim 1, wherein:

a recording medium for storing said television signal subjected to said predetermined processing by each of said signal processing mechanisms is included; and

said plural signal processing mechanisms simultaneously perform processing for viewing or respectively different compressively coding processing to said one television signal on said desired channel selected by one of said channel selecting mechanisms, and said television signals subjected to the above compressive coding in the above processing for viewing and compressively coding processing, are recorded in said recording medium.

5. (canceled)

6. (canceled)

7. (canceled)

8. (canceled)

9. (canceled)

10. (canceled)

11. (currently amended) A recording/reproducing apparatus comprising:

two channel selecting mechanisms for taking in television signals on plural channels including a program guide providing channel, and selecting a television signal or signals therefrom;

a first signal processing mechanism and a second signal processing mechanism each for performing a respective predetermined processing on a received television signal supplied thereto such that the first signal processing mechanism

is operable to perform a first predetermined processing and the second signal processing mechanism is operable to perform a second predetermined processing which is different from the first predetermined processing ;

electronic program guide extracting mechanism for extracting said electronic program guide from said program guide providing channel;

switching mechanism for switching connections of said channel selecting mechanisms to the first and second signal processing mechanisms and said electronic program guide extracting mechanism; and

control mechanism for controlling said switching mechanism such that in a first operating case the first and second signal processing mechanisms are connected to a same one of said channel selecting mechanisms and the electronic program guide extracting mechanism is connected to another one of said channel selecting mechanisms so as to enable (i) the first signal processing mechanism and the second signal processing mechanism to receive a same one of said television signals and to cause the first predetermined processing and the second predetermined processing to be simultaneously performed on the same one of said television signals, and (ii) said electronic program guide to be obtained by said electronic program guide extracting mechanism,

said first predetermined processing involves compressive coding at a first compression rate and said second predetermined processing involves compressive coding at a second compression rate which is different from the first compression rate.

12. (new) A recording/reproducing method, comprising:

taking in television signals on plural channels including a television signal on a program guide providing channel by use of

two channel selecting mechanisms, in that an electronic program guide has been stored at a predetermined timing, and selecting the television signal on a desired channel in the above plural channels;

performing predetermined processing to said television signal on said desired channel selected by each of said channel selecting mechanisms;

extracting, by use of a electronic program guide extracting mechanism, said electronic program guide from said television signal on said program guide providing channel selected by said channel selecting mechanism;

switching, by use of a switching mechanism, connections of said channel selecting mechanisms to said signal processing mechanisms and said electronic program guide extracting mechanism; and

controlling said switching mechanism so that in a first operating case the signal processing mechanisms are collectively connected to one of said channel selecting mechanisms and the electronic program guide extracting mechanism is connected to another one of said channel selecting mechanisms so as to permit (i) a plurality of predetermined different processing to be simultaneously performed on the same said television signal on said desired channel by use of each of said signal processing mechanisms and (ii) said electronic program guide to be obtained from said television signal by said electronic program guide extracting mechanism.